

# VistaPHw

## Quick Reference Card



Login page allows for easy access to various data servers

User ID and Password are assigned by the Vista Coordinator for access to Washington State data sets

New servers can be added by amending the datalinks.txt file in C:\Program Files\VistaPHw. <https://fortress.wa.gov/doh/chstwo/VistaPHw>

A range of assessment topics can be found, which are updated and modified as new data becomes available

ASSESSMENT TOPICS
Fertility Rates
Birth Risk Factors
Abortion/Pregnancy Rates
Infant Death Rates and Causes
Birth Risk Factors for Inf Death
Death Rates
Hospitalization Rates
Life Expectancy Tables
Tuberculosis Rates
STD Rates
Other Communicable Diseases
Custom Data
Population Tables
1990 Census Tables + Indicators
Social and Economic Status

### Installation of VistaPHw

To install VistaPHw follow these steps:

1. Go to [www.vistaphw.net](http://www.vistaphw.net) and download the desktop user interface (rename setup.exe to vistasetup.exe and save to somewhere on your hard drive you will remember).
2. Go to the vistasetup.exe saved on the hard drive and double click to run the install wizard. This will run through an automated setup and ask you to reboot at the end. Depending on the administrative rights set up on your computer you may need to have an IT person do this step.
3. Add URLs for web servers with Vista data; for DOH data for VistaPHw add <https://fortress.wa.gov/doh/chstwo/VistaPHw> to the Datalinks.txt file in the folder c:\program files\VistaPHw. If you add it above [www.VistaPHw.net](http://www.VistaPHw.net) it will be the default in the login screen. To use the DOH data you will need a login ID and Password, contact the VistaPHw State Coordinator for access.
4. Go to the desktop and there should be a blue sailboat icon. Click on it and you should get a login screen. Make sure the URL for DOH data is selected and type in your email address as the login and then your password. Click okay.
5. A green box appears in the lower part of the login screen when there is an update to the software. Click the update button and the software is automatically updated and the green box disappears.

Crude Rate - The number of events per 100,000 persons in the population under study.  
 Age-Adjusted Rate - The crude rate that would be found in a hypothetical population if each of eleven age groups in that population experienced the same age-specific rate experienced by the study population.  
 Age-Specific Rate - the number of events in a particular age group per 100,000 persons in that age group.  
 YPLL-65 - due to a particular cause of death, the years of potential life lost relative to age 65 suffered by persons under age 65, per 100,000 persons under age 65 in the population.  
 YPLL-85 - due to a particular cause of death, the years of potential life lost relative to age 85 suffered by persons under age 85, per 100,000 persons under age 85 in the population.  
 Standardized Ratio - for a specified race, the ratio of the observed number of events to the expected number of events, where the expected number of events is the number that would occur if the specified race group experienced the same age-specific rate in each of eleven age groups as observed for the white race.

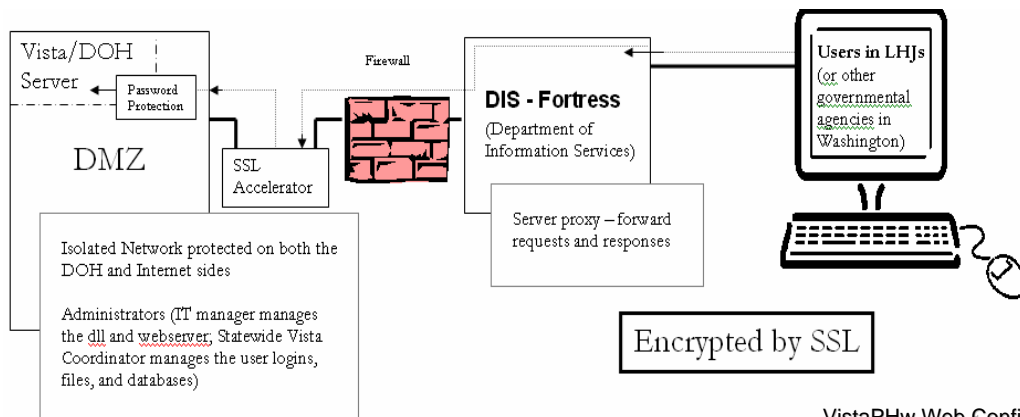
Statistics
<a href="#">Rates</a> ?
Crude
AA_2000
AA_other...
Age Specific...
YPLL_65
YPLL_85

When Trends are requested, a chi-square test for trend is performed for each subset selected in the left panel for each demographic group included in the output.

When selecting trends, make only one selection of Rolling Totals, or retain the default selection of one year. In addition, highlight two or more years to be included in the trend tests. Recall that for rolling totals a highlighted year identifies the last year in a sequence of combined years.

If you select the 'Only' option, then the year-specific records, which include rates, confidence intervals, and counts, are purged from the output file. Only the chi-square test results, which include the chi-square trend statistic and the corresponding significance level, are included for each demographic group.

Trends
<a href="#">Trends for Rates</a>
No Yes Only
<a href="#">Trends for Age Components</a>
No Yes Only



VistaPHw Web Configuration

## Instructions

1. To begin, Click: **ASSESSMENT TOPICS**

2. Select a Topic  
(i.e. Death Rates)

3. Click: **GEOGRAPHIC UNITS**

4. Select Geography  
(i.e. WA Counties)

5. Select Geography Unit(s)  
(i.e. King, and Clark)

6. Select items for analysis  
(i.e. Malaria, and Syphilis)

7. Select a single year, range  
of years, or combine years  
to get a rolling average

8. Select Race(s)

9. Select Sex

10. Select statistical measures

**Statistics**

**Rates** ?

Crude  
AA\_2000  
AA\_other...  
Age Specific...  
YPLL\_85  
YPLL\_85

**Trends** ?

Trends for Rates

No Yes Only

Trends for Age Components

No Yes Only

**Years**

1980  
1981  
1982  
1983  
1984  
1985  
1986  
1987  
1988  
1989  
1990  
1991  
1992  
1993  
1994  
1995  
1996  
1997  
1998  
1999  
2000  
2001  
2002

**Combine Years**

1

Reset

Help

Select the number of years you wish to combine for each rate. You can select more than one. If you wish to combine a number of years not included in the list, double-click on one of the selections (but not 1 Yr) to change it.

Example: You select '3 Yrs' to be combined and have also selected years 1987, 1990, and 1993. Three rates will be computed, the first combining years 1985-87, the second combining years 1988-90, and the third combining years 1991-93. The three rows of output will be identified with labels 3.8587, 3.8890, and 3.9193, each indicating the number of years (3) and the range of years combined.

Note that if you also select trend analysis, the ranges of combined years should not overlap. The above example would be valid for trend analysis.

11. To run analysis Click:  
(this will be highlighted in green after all necessary variables are selected)

**LAUNCH**

**Launch Panel**

**Current Design**

Analysis Title: Mortality Rates

Sort Fields: year race place stat subset year

Report Fields: CRUDE, AA\_2000, AA\_OTHER, AGE\_SPECIFIC, YPLL\_85, YPLL\_85, CRUDE, AA\_2000, AA\_OTHER, AGE\_SPECIFIC, YPLL\_85, YPLL\_85

Note that most report fields are ignored when rates are not computed. AveCNT and AvePOP are ignored when years are not combined.

**Stream Manager (count=0)**

Edit Script Help

Add to end of stream and close

☐ Include Spacing

☐ Include Padding

**Close**

**Run Now**

**Excel Output**

**Grid Output**

12. Select desired output format, field order, and output name

13. Click: Run Now

VistaPHw software was created by Epidemiology, Planning and Evaluation Public Health, Seattle & King County in partnership with the Washington State Department of Health



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